State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-245

Relating to Certification of New Heavy-Duty Engines and Vehicles

INTERNATIONAL TRUCK AND ENGINE CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2001

Fuel Type: Diesel

	Disp	lacement	Exhaust Emission Control
Engine Family	<u>Liters</u>	Cubic Inches	Systems and Special Features
1NVXH0466ANA	7.6	466	Turbocharger
(DT466 & DT466H	T)	Charge Air Cooler	
`	·		Electronic Control Module
			Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen Oxides	Particulate <u>Matter</u>
Standard	1.3	15.5	4.0	0.10
Certification	0.2	1.7	4.0	0.10

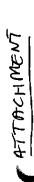
BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

R. B. Summerfield, Chief

Mobile Source Operations Division



Engine Model Semmary Form

Manufacturer: International E. O. # A-4-245

Engine category: On-highway HDDE

EPA Engine Family: 1NVXH0466ANA

Mfr Family Name: DT 466 AND DT 466 HT

Process Code: New Submission

9.Emission Control Device Per SAE J19:		် ည်	म्ख्र 7.7	ESKTC.	ပ္	Heri¥; TC,	EST CAC CAC
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8.Fuel Rate: (lbs/hr)@peak torque	Average	42.7	7.5	50.8	20.8	50.8	679
7.Fuel Rate: mm/stroke@peak torque	Average	91.0		108.4	108.4	108.4	
6.Torque @ RPM (SEA Gross)	Advertised	460 @ 1400	520 @ 1400	560 @ 1400	540 @ 1400	560 @ 1400	620 @ 1400
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	Average	67.0	72.0	75.5	82.4	82.4	83.3
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	Ayerage	86.9	9314	0.86	106.9	106.9	108.0
3.BHP@RPM (SAE Gross)	Advertised	175 @ 2300	195 @ 2300	195 @ 2300	215@2300	215 @ 2300	215@2300
1.Engine Code 2.Engine Model		C175	C195	CH195	CL215	C215	CH215
1.Engine Code		C175	C195	CH195	CL215	C215	CH215